

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	("5197470" "5293872" "5441053" "6405065" "6564088").PN.	USPAT	AND	OFF	2006/04/19 14:40
S2	1919	(600/476,309,310).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 18:50
S3	0	("l2andanalyz\$3andblood").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/16 18:52
S4	805	S2 and analyz\$3 and blood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/03/16 18:52
S5	805	S2 and analyz\$3 and blood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 18:52
S6	641	S5 and (wavelength or wave\$1length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 18:55
S7	581	S6 and tissue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 18:56
S8	368	S7 and spectral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 19:13
S9	208	S8 and spectroscopic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 19:14
S10	44	S8 and spectroscopic near1 analysis same (blood or tissue)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 19:37

## EAST Search History

S11	639	(spectrum or spectroscopic) near1 analysis same (blood or tissue)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 19:38
S12	700	(spectrum or spectroscop\$2) near1 analysis same (blood or tissue)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 19:49
S13	109	S2 and (spectrum or spectroscop\$2) near1 analysis same (blood or tissue)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 19:39
S14	192	(spectrum or spectroscop\$2) near1 analysis same (blood or tissue) and artery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 19:49
S15	100	(spectrum or spectroscop\$2) near1 analysis same (blood or tissue) and artery and lipid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/17 18:23
S16	13	S15 and (fibrotic or calcific)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/16 19:50
S17	1	("6415167").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/17 07:22
S24	24	("4515165"   "4975581"   "5088493"   "5106387").PN. OR ("5441053"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/03/17 15:44
S25	15	(US-20050267341-\$ or US-20040162489-\$ or US-20030191378-\$ or US-20040024321-\$ or US-20040024298-\$ or US-20040077950-\$ or US-20040073120-\$).did. or (US-6574490-\$ or US-6095982-\$ or US-5807261-\$ or US-5785658-\$ or US-6405065-\$ or US-5441053-\$ or US-6816743-\$ or US-5088493-\$). did.	US-PGPUB; USPAT	AND	OFF	2006/03/17 17:02

## EAST Search History

S26	5	S25 and chemometric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/03/17 18:29
S27	15	(spectrum or spectroscop\$2) near1 analysis same (blood or tissue) and artery and lipid and chemometric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/17 18:23
S28	698	chemometric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/03/17 18:29
S29	230	S28 and blood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/03/17 18:30
S30	202	S28 and blood and (spectrum or spectroscop\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/03/17 18:30
S31	181	S30 and (IR or NIR or infrared or infra\$1red)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/03/17 18:30
S32	181	S31 and blood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/03/17 18:31
S33	1	("5945676").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/17 19:28

## EAST Search History

S34	19	(US-20050267341-\$ or US-20040162489-\$ or US-20030191378-\$ or US-20040024321-\$ or US-20040077950-\$ or US-20040073120-\$ or US-20040024298-\$).did. or (US-6405065-\$ or US-5441053-\$ or US-6816743-\$ or US-6574490-\$ or US-6352502-\$ or US-6095982-\$ or US-5785658-\$ or US-5807261-\$ or US-5088493-\$ or US-6587575-\$ or US-6389306-\$ or US-5945676-\$). did.	US-PGPUB; USPAT	AND	OFF	2006/04/14 08:58
S35	4	S34 and occluded	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 12:06
S36	708	chemometric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 09:32
S37	204	S36 and blood and (spectrum or spectroscop\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 09:33
S38	183	S37 and (IR or NIR or infrared or infra\$1red)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 09:33
S39	2	S38 and occluded	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 09:33
S40	74638	blood and (spectrum or spectroscop\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 09:33
S41	22703	S40 and (IR or NIR or infrared or infra\$1red)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 13:06

## EAST Search History

S42	653	S41 and occluded	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 13:00
S43	92	S41 and occluded same balloon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 09:34
S44	1945	(600/476,309,310).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 09:34
S45	2	S43 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 09:34
S46	60893	("600").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 09:38
S47	43925	("128").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 09:38
S48	70794	("604").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 09:38
S49	159918	S46 or S47 or S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 09:38
S50	47	S49 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 09:39
S51	8	S34 and illumination through liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 10:06
S52	1	S34 and illumination same liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 10:08

## EAST Search History

S53	303	S41 and illumination same liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 10:08
S54	21	S41 and illumination same liquid and bio\$1compatible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 10:10
S55	10	S41 and illumination same bio\$1compatible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 10:17
S56	4	S55 and bio\$1compatible same liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 10:23
S57	266	S41 and bio\$1compatible same liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 10:23
S58	8	S41 and bio\$1compatible near1 liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 10:23
S59	23	(US-20050267341-\$ or US-20040162489-\$ or US-20030191378-\$ or US-20040024321-\$ or US-20040077950-\$ or US-20040073120-\$ or US-20040024298-\$ or US-20030171691-\$ or US-20030135101-\$ or US-20030218880-\$ or US-20040039242-\$).did. or (US-6405065-\$ or US-5441053-\$ or US-6816743-\$ or US-6574490-\$ or US-6352502-\$ or US-6095982-\$ or US-5785658-\$ or US-5807261-\$ or US-5088493-\$ or US-6587575-\$ or US-6389306-\$ or US-5945676-\$). did.	US-PGPUB; USPAT	AND	OFF	2006/04/14 12:01

## EAST Search History

S60	14	S59 and (grad\$4 or categori\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 12:24
S61	11	S59 and (grad\$4 or categori\$4) same tissue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 12:07
S62	11	S59 and (grad\$4 or categori\$4) same (tissue or cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/14 12:07
S63	12	S59 and lesions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 12:45
S64	8	S59 and plaque	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 12:50
S65	1	("6615071").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 12:47
S66	0	S59 and colore near1 scheme	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 12:50
S67	2	S59 and color near1 scheme	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 12:50
S68	16	S59 and color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 12:52
S69	8	S59 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 12:52

## EAST Search History

S70	74638	blood and (spectrum or spectroscop\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 13:00
S71	22703	S70 and (IR or NIR or infrared or infra\$1red)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 13:00
S72	558	S71 and threshold and diseased	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 13:00
S73	33	S71 and threshold same diseased	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/14 13:01
S77	74716	blood and (spectrum or spectroscop\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 13:06
S78	22716	S77 and (IR or NIR or infrared or infra\$1red)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 17:16
S79	438	S78 and pca	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 13:06
S81	106	S79 and pls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 15:30
S82	17	S79 and pls and mahalanobis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 13:08
S90	74716	blood and (spectrum or spectroscop\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 17:16



## EAST Search History

S91	22716	S90 and (IR or NIR or infrared or infra\$1red)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 17:16
S93	460	S91 and patient near1 information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 17:16
S94	51	S93 and date and time and longitudinal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 17:18
S96	47	S93 and date and time and longitudinal and tissue and output	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 17:26
S97	26	(US-20050267341-\$ or US-20040162489-\$ or US-20030191378-\$ or US-20040077950-\$ or US-20040073120-\$ or US-20040024298-\$ or US-20040024321-\$ or US-20030218880-\$ or US-20030135101-\$ or US-20030171691-\$ or US-20040039242-\$ or US-20050250148-\$).did. or (US-6405065-\$ or US-5441053-\$ or US-6816743-\$ or US-6574490-\$ or US-6352502-\$ or US-6095982-\$ or US-5807261-\$ or US-5785658-\$ or US-5088493-\$ or US-6389306-\$ or US-6587575-\$ or US-5945676-\$ or US-6615071-\$ or US-5568400-\$). did.	US-PGPUB; USPAT	AND	OFF	2006/04/18 17:26
S98	417	S93 and computer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 17:26
S99	19	S97 and computer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 17:26

## EAST Search History

S10 0	15	S97 and computer and imaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/04/18 17:26
S10 1	4544	method and display\$3 and spectral and data and tissue	USPAT	AND	OFF	2006/04/19 14:40
S10 2	1573	method and display\$3 and spectral and data and tissue and infra\$1red	USPAT	AND	OFF	2006/04/19 14:40
S10 3	958	method and display\$3 and spectral and data and tissue and infra\$1red and radiation and detect\$3	USPAT	AND	OFF	2006/04/19 14:41
S10 4	0	method and display\$3 and spectral and data and tissue and infra\$1red and radiation and detect\$3 and continuous same grade same output	USPAT	AND	OFF	2006/04/19 14:41
S10 5	5	method and display\$3 and spectral and data and tissue and infra\$1red and radiation and detect\$3 and continuous same grade	USPAT	AND	OFF	2006/04/19 14:50
S10 6	1573	method and display\$3 and spectral and data and tissue and infra\$1red	USPAT	AND	OFF	2006/04/19 15:12
S10 7	0	S106 and continuous near1 grade near1 output	USPAT	AND	OFF	2006/04/19 14:51
S10 8	0	continuous near1 grade near1 output	USPAT	AND	OFF	2006/04/19 14:51
S10 9	0	continuous near grade near output	USPAT	AND	OFF	2006/04/19 14:51
S11 0	123	continuous same grade same output	USPAT	AND	OFF	2006/04/19 14:51
S11 1	0	S106 and continuous same grade same output	USPAT	AND	OFF	2006/04/19 15:12
S11 2	0	S101 and continuous same grade same output	USPAT	AND	OFF	2006/07/31 10:10
S11 3	1	("6615071").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 09:40
S11 4	412	continuous same grad\$3 same output	USPAT	AND	OFF	2006/07/31 10:10
S11 5	71	continuous with grad\$3 with output	USPAT	AND	OFF	2006/07/31 10:10
S11 6	7537	tissue and (character\$7 with (color or gray or grey))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/02 16:14

## EAST Search History

S11 7	2735	S116 and tissue with character\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/02 16:13
S11 8	0	tissue and (character\$7 with (false adj color adj scale))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/02 16:15
S11 9	0	tissue and (character\$7 with ((false adj color) with scale))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/02 16:16
S12 0	25	tissue and (character\$7 with (color adj scale))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/02 16:29
S12 1	530	tissue and character\$7 and (color adj scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/04 12:53
S12 2	106	"I7" and ((gray or grey) adj scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/02 16:30
S12 3	120	S121 and ((gray or grey) adj scale)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/02 16:33
S12 4	6284	(600/309-344,407,408,473-480). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 16:34
S12 5	21	S124 and S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/02 16:34
S12 6	233	tissue and character\$7 and (color adj scale) and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/04 13:53

## EAST Search History

S12 7	6318	(600/309-344,407,408,473-480). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/04 12:53
S12 8	26	S127 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/04 13:29
S12 9	5784	no\$1 near1 threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/04 13:30
S13 0	5092	without near2 threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/04 13:31
S13 1	10655	S129 or S130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/04 13:31
S13 2	19	S131 and S127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/04 13:37
S13 3	10	S131 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/04 13:37
S13 4	285	((gray or grey) adj scale) or (color adj scale)) and S127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/04 15:04
S13 5	121	S134 and infra\$1red	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/04 15:04
S13 6	16	(false adj color) adj scale	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/08/04 16:15